



PRESS TECHNOLOGY

4 COLUMN PRODUCTION PRESSES 16 TO 80 TONS

These presses are four column versions of our highly successful HP range of 'C' frame hydraulic production presses. This leaflet should be read in conjunction with the main HP brochure.



MAIN BENEFITS

- Very large tools can be accommodated, particularly tools that would require a large throat depth in a 'C' frame press.
- The frame is balanced - it does not gap under load; better for piercing and blanking operations.
- The frame is extremely robust. Typically the 63HP4C is three times as stiff as the 'C' frame version - an advantage for blanking and piercing operations and much quieter.
- Optional guided platen gives good support to the tooling by resisting transverse forces generated in the tools, and also supports a higher degree of off centre loading.

Important Note:

Bed size, daylight, stroke and light screen guard height can be economically customised to suit tooling and components.

MODELS 16HP4C • 25HP4C • 40HP4C • 63HP4C • 80HP4C



■ Special 80HP 4 column press with 63 ton bottom ram and Powair Feeder supplied with tooling to Bott Ltd, Bude, Cornwall, for piercing and forming operations on tool box / cabinet components.



■ 40HP 4 column press supplied to Cherry Electrical Products Ltd, Harpenden, Herts for blanking operation on computer keyboard components.



■ Special 4 column press with 25 and 10 ton rams supplied with tooling to Arvin Exhausts Ltd, Blackpool for ovalising and piercing operation.



■ 80HP 4 column press with Atkin roll feed supplied to Remploy Ltd, Sheffield.



■ 63HP 4 column press with guided platen and Powair Feeder supplied to R.A. Labone & Co, Ilkeston, Derbyshire.

STANDARD EQUIPMENT INCLUDES:-

- Erwin Sick light guards with hinged interlocked fixed guarding to provide quick access for tool changing and setting.
- 5 operating modes including single break and double break.
- PLC control, now the standard control system for all HP Models, permits easy interfacing with ancillary equipment.
- Electronic ram slide controls for rapid and optimum setting of all ram movements.
- Mechanical shut height adjustment.
- Integral blank damping system.
- Central top knock out.
- Power press style toolholding.
- Air blast ejection system.
- Ram dwell timer.
- Oil cooler.



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